

GluT1 antibody [GLUT1/2476]

Cat. No. GTX17991

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, FCM, ELISA, Protein Array
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2µg/ml
ICC/IF	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT
FCM	1-2µg/10 ⁶ cells
ELISA	1-2µg/ml (for coating)
Protein Array	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

For ELISA coating, recommend using BSA-free format (please contact us for PBS only format).

Not tested in other applications.

Calculated MW 54 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human GLUT1 protein (around aa 203-305) (exact sequence is proprietary)
Purification	Protein A/G purified



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Conjugation

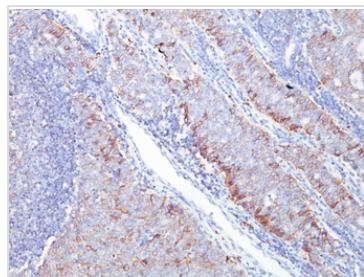
Unconjugated

Note

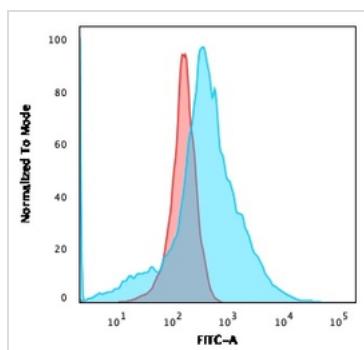
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DATA IMAGES

**GTX17991 IHC-P Image**

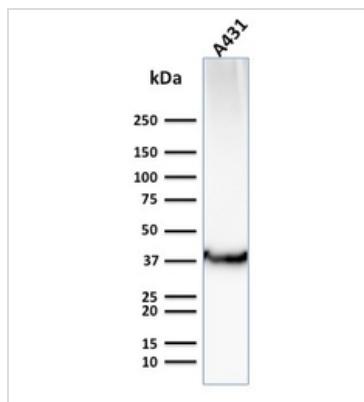
IHC-P analysis of human breast carcinoma tissue using GTX17991 GluT1 antibody [GLUT1/2476].

**GTX17991 FCM Image**

FACS analysis of K562 cells using GTX17991 GluT1 antibody [GLUT1/2476].

Blue : Primary antibody

Red : Isotype control

**GTX17991 WB Image**

WB analysis of A431 cell lysate using GTX17991 GluT1 antibody [GLUT1/2476].



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